

In the Claims:

Please amend claim 45 to read as follows:

D2

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45. (Amended) A DSP-3 substrate trapping mutant polypeptide that differs from the sequence recited in SEQ ID NO:2 in one or more amino acid deletions, additions, insertions or substitutions at no more than 25% of the residues in SEQ ID NO:2, such that the polypeptide binds to a substrate with an affinity that is not substantially diminished relative to DSP-3, and such that the ability of the polypeptide to dephosphorylate a substrate is reduced relative to DSP-3.

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Please add the following new claims:

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50. (New) A DSP-3 substrate trapping mutant polypeptide according to claim 45 that comprises an amino acid substitution at position 57 of SEQ ID NO:2.

51. (New) The DSP-3 substrate trapping mutant polypeptide of claim 50 wherein the amino acid substitution at position 57 comprises an alanine residue.

D3

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52. (New) A DSP-3 substrate trapping mutant polypeptide according to claim 45 that comprises an amino acid substitution at position 88 of SEQ ID NO:2.

53. (New) The DSP-3 substrate trapping mutant polypeptide of claim 52 wherein the amino acid substitution at position 88 comprises a serine residue.

54. (New) A DSP-3 substrate trapping mutant polypeptide according to claim 45 that comprises an amino acid substitution at position 57 of SEQ ID NO:2 and an amino acid substitution at position 88 of SEQ ID NO:2.